

**Amendments to the Claims:**

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A method for manufacturing a heated support, ~~wherein~~ comprising subjecting an immobilized microorganism support, in which activated sludge is immobilized inside of the support by entrapment, is subjected to heat treatment, in which activated sludge is immobilized inside of the support by entrapment, wherein the heat treatment is conducted at a temperature of not less than 40°C and not more than 130°C.

2. (Canceled) The method for manufacturing a heated support according to claim 1, wherein said temperature of the heat treatment is not less than 40°C and not more than 130°C.

3. (Currently Amended) A heated support manufactured by the method for manufacturing a heated support according to ~~claim 2.~~ claim 1.

4. (Currently Amended) A method for environment remediation, ~~wherein~~ comprising contacting the heated support according to claim 3 is made contact with at least one of environmental pollutant of chosen from the group consisting of inorganic pollutants that form oil materials, and organic pollutants forming that form oil materials, BOD components, COD components, and foul odor components, thereby carrying out biological treatment.

5. (Original) A method for environment remediation, wherein the heated support according to claim 3 is made contact with excess sludge yielded by bio-treatment, thereby carrying out biological treatment.

6. (Currently Amended) A method for environment remediation, ~~wherein~~ comprising contacting the heated support according to claim 3 is made contact with one of

water containing a water bloom and water on which a water bloom may emerge, thereby carrying out biological treatment.

7. (Currently Amended) A method for manufacturing a heated support, ~~wherein~~ comprising polymerizing at least one of monomers and prepolymers that are immobilizing materials for supporting microorganisms ~~is polymerized~~ in the presence of activated sludge while carrying out heat ~~treatment~~ treatment, wherein the heat treatment is conducted at a temperature of not less than 60°C and not more than 130°C.

8. (Canceled) The method for manufacturing a heated support according to claim 7, wherein said temperature of the heat treatment is not less than 40°C and not more than 130°C.

9. (Currently Amended) A heated support manufactured by the method for manufacturing a heated support according to ~~claim 8~~ claim 7.

10. (Currently Amended) A method for environment remediation, ~~wherein~~ comprising contacting the heated support according to claim 9 ~~is made contact~~ with at least one of environmental pollutant chosen from the group consisting of inorganic pollutants that form oil materials, and organic pollutants forming that form oil materials, BOD components, COD components, and foul odor components, thereby carrying out biological treatment.

11. (Original) A method for environment remediation, wherein the heated support according to claim 9 is made contact with excess sludge yielded by bio-treatment, thereby carrying out biological treatment.

12. (Currently Amended) A method for environment remediation, ~~wherein~~ comprising contacting the heated support according to claim 9 ~~is made contact~~ with one of water containing a water bloom and water on which a water bloom may emerge, thereby carrying out biological treatment.

13. (New) The method according to claim 1, wherein the heat treatment is performed for a period of not less than 1 minute and not more than 30 minutes.